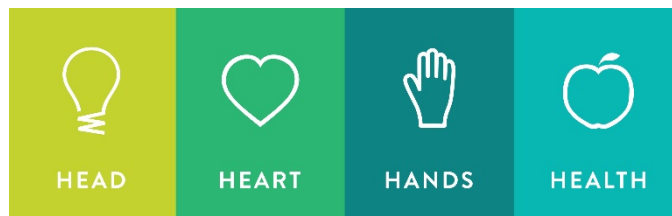


4-H Project General Guidelines

This booklet has been compiled to assist in preparing the 4-H member's project work for exhibition. This document contains general information for project completion requirements and exhibiting 4-H projects at the county and state fair. Please review additional documents for the full information!



For every 4-H Project, 4-H members should:

- ✓ Familiarize themselves with the project book
- ✓ Review the requirements to complete the book
- ✓ Review the county judging guidelines (below)
- ✓ Review the Madison County Jr. Fair Rule Book and requirements (livestock)
- ✓ If exhibiting any project at the Madison County Fair, exhibitors must submit a fair entry online by June 1 (*this is different from the 4-H enrollment, completed by March 15*)



How to use this document:

- Search for your project (livestock or special interest)
 - Use the "Control" and "F" key on your computer keyboard to activate the "find" feature. You can then search for the name of the project to take you directly to that column.
- Review the project completion guidelines
- Read the Madison County specific guidelines. This is a quick snapshot of the requirements.
 - For *specific livestock project requirements*, read the Madison County Jr. Fair Book
 - For *specific non-livestock project requirements*, review the project guideline sheets
 - For clothing projects, review the Clothing Project General Guidelines sheet
 - For nutrition projects, review the Food and Nutrition Project General Guidelines sheet

If you have any questions about a project requirement, contact:

1. Your 4-H club advisor, or
2. [Project Key Leader or Livestock Committee Member](#), or
3. Madison County Extension Office, 740-852-0975, foos.61@osu.edu



Livestock General Requirements



Please see the *Madison County Jr. Fair Book* for specific information and rules for each species.

- ✓ Complete your project record book
- ✓ Attend a [Quality Assurance training](#) (required for all market and breeding animals – NOT required for horses, dogs, and alpacas)
- ✓ Complete [Fair Entry](#) by June 1
- ✓ Participate in species [Skill-a-Thons](#)
- ✓ Submit required paperwork specific to your project (i.e. tag in, breeding forms, ear notch forms, lease forms, permission to participate, Drug Use Notification Form)
- ✓ Review the [Madison County Jr. Fair Book](#) for specific check in times, show times, barn rules, etc.
- ✓ Exhibit at the Madison County Fair (optional, but highly encouraged!)

Non-Livestock General Requirements

Please see the *project guidelines sheets* for each specific project or contact the key leader for more information.



- ✓ Complete your project book and all activities
- ✓ Complete [Fair Entry](#) by June 1
- ✓ Create a display (See guidelines below for each project)
- ✓ Complete a project judging experience through one of the options below
 - Madison County Fair judging (county award eligibility and state fair delegates selected)
 - Alternative judging with your club advisor and/or Extension Educator (not eligible for any county awards)

Madison County Fair Special Interest Judging Information

When: Saturday, July 10 (*Families will receive an assigned time closer to the judging date*)

Where: Della Selsor Building, Madison County Fairgrounds

Dress code: All exhibitors should be dressed appropriately. Black, blue, brown, or khaki cotton or corduroy dress pants, jeans (No rips, tears, or holes), dresses, or knee length skirts (2 inches above knee) as well as a collared button down shirt, polo shirt, or blouse that must be tucked in. Any length of sleeve or color is acceptable. No shorts, No leggings, No yoga pants. Closed toe and closed heel shoes are to be worn. No discriminations will be made for religious beliefs.

Exhibitors bring their project book and display to judging during the designated time above. After check-in, exhibitors will participate in an interview with a judge knowledgeable about the project they are taking. Displays will be collected and placed in the Della Selsor building to be displayed during fair week. Pick up will be the last Saturday of the fair.

Note: No birds' nests, feathers, clam/mussel shells, ammunition, weapons, or parts of weapons can be brought to the fair. These items are regulated by law & are not permitted. Be prepared for a personal interview.



2021 Project Completion and Fair Requirements

1/4/21

Click on one of the Project Topic Areas listed below to review the project guidelines for your specific project book
(Hit "Control" on your keyboard & left click on the topic)

About 4-H	Home Living
Animal Sciences	Leadership and Citizenship
Clothing and Textile Science	Money Management
Communication	Natural Resources
Creative and Leisure Arts	Science, Technology, Engineering, and Math (STEM)
Food and Nutrition	Self-Determined
Healthy Living	Workforce Preparation

* Project skill level indicates the project's intended audience. **B** = Beginning level—for members with little or no experience in a project area, or 8 to 10 year olds; **I** = Intermediate level, for members with some experience in a project area, or 11 to 13 year olds; **A** = Advanced level—for experienced members in a project area, or 14 or older; and **X** = All levels—for all skill and age levels. Exceptions to these age guidelines are noted.



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES



Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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About 4-H

91 <i>Discovering 4-H</i>	B	All activities in 9 interest areas Project summary	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	No state fair event
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
92 4-H Around the Globe	I	All seven activities, including the Talking It Over questions At least two learning experience At least two leadership/citizenship activities Project summary and project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Family Life Day: completed project book, display, and interview

Animal Sciences

Beef				
117 Beef Project and Record Book (for beef breeding, beef feeder, dairy beef feeder, and market beef projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections At least 1 topic of interest At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities. Club or county level project review County project judging (may be optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1 st . Complete a Quality Assurance training by May 15 th . Attend Skill-a-thon.	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .

* Project skill level indicates the project's intended audience. **B** = Beginning level—for members with little or no experience in a project area, or 8 to 10 year olds; **I** = Intermediate level, for members with some experience in a project area, or 11 to 13 year olds; **A** = Advanced level—for experienced members in a project area, or 14 or older; and **X** = All levels—for all skill and age levels. Exceptions to these age guidelines are noted.

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Companion Animals and Rabbits				
200 <i>All About Dogs</i>	B	All 8 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1 st . Turn in required forms for dog participation. Attend Skill-a-thon.	Companion Animal Day
201 <i>Dog Project and Record Book</i> (for pet, obedience, showmanship, performance, and working dog projects)	X	Project animal by required date Project goals Member Project Guide, Dog Care and Welfare, and Animal Records sections Club or county level project review County project judging (may be optional)		See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
202 <i>Dog Achievement Program</i>	X	To earn a certificate, choose 3 topic areas within one category and complete all 5 activities with each selected topic area, for a total of 15 activities. For more details, see project book or ohio4h.org/DAP .		
215 <i>Cavy Project and Record Book</i>	X	Project animal by required date Project goals and objectives Member Project Guide, animal care and welfare activities, and animal records At least 5 of the learning activities At least 2 learning experiences At least 2 leadership/citizenship activities County project judging (may be optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. To be eligible for state fair, you must attend the Special Interest Judging date (no animals permitted). Exhibition in the Small Animal show with your animal is also available	Companion Animal Day

* Project skill level indicates the project’s intended audience. **B** = Beginning level—for members with little or no experience in a project area, or 8 to 10 year olds; **I** = Intermediate level, for members with some experience in a project area, or 11 to 13 year olds; **A** = Advanced level—for experienced members in a project area, or 14 or older; and **X** = All levels—for all skill and age levels. Exceptions to these age guidelines are noted.

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
216 <i>Purr-fect Pals, Level 1</i>	B	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. To be eligible for state fair, you must attend the Special Interest Judging date (no animals permitted).	Companion Animal Day
217 <i>Climbing Up! Level 2</i>	I	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year	Exhibition in the Small Animal show with your animal is also available	Companion Animal Day
218 <i>Leaping Forward, Level 3</i>	A	Cat-a-logue Your Knowledge evaluation, before and after project At least 7 activities each year		Companion Animal Day
220 <i>Pocket Pets Project and Record Book</i>	X	Project animal by required date Project goals and objectives Member Project Guide, animal care and welfare activities, and animal records At least 5 of the learning activities At least 2 learning experiences At least 2 leadership/citizenship activities County project judging (may be optional)	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Companion Animal Day

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
225 <i>Breeding Rabbit Project and Record Book</i>	X	Project animal by required date At least 1 topic of Interest At least 5 activities At least 2 project experiences At least 2 leadership/citizenship activities Quality Assurance and Rabbit Records sections Club or county level project review County project judging (may be optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Complete a Quality Assurance training by May 15. Attend Skill-a-thon.	See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
226 <i>Market Rabbit Project and Record Book</i>	X	Project animal by required date At least 1 topics of interest At least 5 activities At least 2 project experiences At least 2 leadership/citizenship activities Quality Assurance and Rabbit Records sections Club or county level project review County project judging (may be optional)		See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
227 <i>Pet Rabbit Project and Record Book</i>	X	Project animal by required date At least 1 topic of interest At least 8 activities At least 2 project experiences At least 2 leadership/citizenship activities Quality Assurance and Rabbit Records sections Club or county level project review County project judging (may be optional)		Companion Animal Day

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
230 <i>4-H PetPALS Project and Record Book</i>	X	Project animal by required date Project Goals and Objectives At least 2 project experiences Other animal project records County project judging (may be optional) Must be enrolled in a PetPALS program under the direction of a master 4-H PetPALS leader	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Companion Animal Day
Dairy Cattle				
122 <i>Dairy Heifer Project and Record Book</i>	X	Project animal by required date Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1.	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
126 <i>Dairy Cow Project and Record Book</i>	X	Project animal by required date Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)	Complete a Quality Assurance training by May 15. Attend Skill-a-thon.	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .

* Project skill level indicates the project's intended audience. **B** = Beginning level—for members with little or no experience in a project area, or 8 to 10 year olds; **I** = Intermediate level, for members with some experience in a project area, or 11 to 13 year olds; **A** = Advanced level—for experienced members in a project area, or 14 or older; and **X** = All levels—for all skill and age levels. Exceptions to these age guidelines are noted.

Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Goats				
135 Goat Project and Record Book (for breeding dairy; breeding meat; fiber; harness; market dairy, meat, or cross; pack, pygmy, and companion/pet goat projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Complete a Quality Assurance training by May 15. Attend Skill-a-thon. Attend county tag-in.	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
Horses				
173 Horseless Horse	B	Planning Your Project section At least 4 interest areas All recommended activities in your selected interest areas At least 2 organized activities At least 2 leadership/citizenship activities One-page report	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Attend Skill-a-thon.	No state fair event

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
174 Beginning Horse Management	B	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 leadership/citizenship activities Project record One-page report 1 st Year: Complete p.1-56 2 nd Year: Complete p. 57-102 3 rd Year: Complete p. 103-End	Horse Safety Program for first-time program participants 4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Attend Skill-a-thon.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
175 Light Horse Selection	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 learning experiences At least 2 leadership/citizenship activities Questions on pages 55-57 Complete the judging description of your horse Completed 190R <i>Equine Record Book</i> One-page report		Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
177 Horse Training: How to Talk to Your Horse	I	Project horse required by deadline Appropriate helmet and other equipment Completed 190R <i>Equine Record Book</i>		Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
180 Learning to Jump	I	Project horse required by deadline Appropriate helmet and other equipment All 3 project areas At least 5 activities in each interest area At least 2 learning experiences At least 2 leadership/citizenship activities One-page summary Complete 190R <i>Equine Record Book</i>		Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
181 <i>Draft Horses</i>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section Interest areas 1-5 and 7 (new members) Interest areas 2-7 (returning members) Things to Do in each interest area At least 2 learning opportunities At least 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Horse Safety Program for first-time program participants 4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Attend Skill-a-thon.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
182 <i>Small Equine</i>	I	Project horse required by deadline Appropriate helmet and other equipment Project Areas 1-7, each with at least one project activity At least 2 learning experiences At least 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary		Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
184 <i>Standardbred Horse</i>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section Explore all interest areas At least 2 Things to Do At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary		Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
185 <i>Equine Reproduction and Genetics</i>	A	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All 3 major interest areas At least 3 Things to Do in each of your selected interest areas At least 3 project learning activities and 3 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> Project diary or scrapbook		Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
188 <i>Trail Riding</i>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section All interest areas At least 2 Things to Do in each interest area At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page summary	Horse Safety Program for first-time program participants 4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Attend Skill-a-thon.	Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
189 <i>Dressage</i>	I	Project horse required by deadline Appropriate helmet and other equipment Planning Your Project section New members explore interest areas 1-4 and first year Completion of project activities Repeating members complete Completion of Project activities All of the Things to Do At least 2 project learning experiences and 2 leadership/citizenship activities Completed 190R <i>Equine Record Book</i> One-page report		Must participate in a dressage competition and meet scoring requirements Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
762 <i>Horse Nutrition</i>	A	Project horse required by deadline Appropriate helmet and other equipment Completed 190R <i>Equine Record Book</i>		Must qualify at PAS show. Must follow <i>Uniform Rules for 4-H Horse Shows</i> See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Llamas and Alpacas				
132 <i>Llama and Alpaca Project and Record Book</i>	X	Project animal by required date Project Goals and Objectives Member Project Guide, Animal Care and Welfare, and Animal Records sections Club or county level project review County project judging (may be optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Attend Skill-a-thon.	See "Open Livestock" events under the Competitions tab at ohiostatefair.com
Poultry				
150 <i>Poultry Project and Record Book</i> (for exhibition and market chicken, duck, goose, turkey; chicken, egg production: hens and pullet; and helmeted guinea fowl projects)	X	Project animal by required date Project goals and objectives Member Project Guide, Quality Assurance, and Animal Records sections Club or county level project review County project judging (may be optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Complete a Quality Assurance training by May 15. Attend Skill-a-thon.	See "Jr. Livestock" events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Sheep				
198 <i>Market Lamb Project and Record Book</i>	X	Project animal by required date All activities Club or county level project review County project judging (may be optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Complete a Quality Assurance training by May 15. Attend Skill-a-thon. Attend County Tag In.	See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
199 <i>Sheep Breeding Project and Record Book</i>	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Complete a Quality Assurance training by May 15. Attend Skill-a-thon. Attend County Tag In.	See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Swine				
139 Market Hog Project and Record Book	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Complete a Quality Assurance training by May 15. Attend Skill-a-thon. Submit hog ear notch form.	See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .
140 Swine Breeding Project and Record Book	X	Project animal by required date At least 1 topic of interest At least 5 activities At least 2 learning experiences At least 2 leadership/citizenship activities Quality Assurance and Animal Records sections Club or county level project review County project judging (optional)	4-H: Complete your project book and attend a judging opportunity Fair: Review the Madison County Jr. Fair Book for your species for complete details. Fair entry must be submitted by June 1. Complete a Quality Assurance training by May 15. Attend Skill-a-thon. Submit hog ear notch form.	See “Jr. Livestock” events under the Competitions tab at ohiostatefair.com . See also 4hansci.osu.edu .

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Veterinary Science				
244 <i>From Airedales to Zebras, Level 1</i>	B	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the “Whaddya Know?” survey before and after activities Project evaluation <i>(Use the same book 1-3 years.)</i>	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	STEM Day: completed project book, display, and interview
245 <i>All Systems Go! Level 2</i>	I	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the “Whaddya Know?” survey before and after activities Project evaluation <i>(Use the same book 1-3 years.)</i>	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	STEM Day: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
246 <i>On the Cutting Edge, Level 3</i>	A	Set goals and record project highlights At least seven activities each year At least 21 of the activities in three years Complete the “Whaddya Know?” survey before and after activities Project evaluation <i>(Use the same book 1-3 years.)</i>	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	STEM Day: completed project book, display, and interview

Clothing and Textile Science

407 <i>Accessories for Teens</i>	B, ages 13+	All 4 interest areas At least 1 additional 4-H activity At least 1 leadership/citizenship experience Wardrobe evaluation and accessories to complement at least 1 outfit At least 1 accessory: bag/purse, belt/cummerbund, footwear/shoe covers, hat, gloves, jewelry, removable collar/dickey/jabot, scarf/tie, muffler/shawl, socks/hosiery, or suspenders to complete the appearance of an outfit Project record and evaluation	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and the outfit you created based on the project along with a completed Cost Calculation Worksheet and a 4-H Fashion Review Narration form. Be prepared to discuss activities in the project in a personal interview and participate in a skill-a-thon station. Attend Style Review at the County Fair.	Clothing Days: completed project book and outfit (Wear at least one accessory you made with the outfit it was designed for)
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
409 <i>Sew Fun!</i>	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A pin cushion and fully elastic-waisted skirt, shorts, pants, or capris Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and the outfit you created based on the project along with a completed Cost Calculation Worksheet and a 4-H Fashion Review Narration form. Be prepared to discuss activities in the project in a personal interview and participate in a skill-a-thon station. Attend Style Review at the County Fair.	Clothing Days: completed project book and fully elastic-waisted skirt, shorts, pants, or capris
410 <i>Designed by Me</i>	B	All 8 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Decorate (or embellish) a T-shirt, sweatshirt, button-down shirt, or simple jacket Project review Project record (if any materials purchased)		Clothing Days: completed project book and outfit
413 <i>Sundresses and Jumpers</i>	B	All 5 project areas At least 2 learning experiences At least 2 leadership/citizenship activities A sundress or jumper Project review		Clothing Days: completed project book and the sundress or jumper you constructed
419 <i>Terrific Tops</i>	B	All 8 activities, including Talking It over questions At least 2 learning experiences At least 2 leadership/citizenship activities A top that is part of a complete outfit Project review		Clothing Days: completed project book and the top you constructed with accessories
411 <i>em•bel•lish: A 4-H Guide to Wearable Art</i>	I	All 10 activities and 3 journal pages At least one embellished garment At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Clothing Days: completed project book, completed notebook with at least 3 samples of embellishment techniques you tried and embellishment(s) on at least one garment

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
412 <i>Sew for Others</i>	I	All 7 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Construct one complete outfit for the person of your choice OR adapt three different garments for someone with a disability	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and the outfit you created based on the project along with a completed Cost Calculation Worksheet and a 4-H Fashion Review Narration form. Be prepared to discuss activities in the project in a personal interview and participate in a skill-a-thon station. Attend Style Review at the County Fair.	Clothing Days: completed project book and outfit (It is desirable but not required for the "other" to wear the outfit. Also, if the project is repeated, a new category of "other" must be selected)
415 <i>Ready, Set, Sew Active!</i>	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities At least one garment that is part of an active sportswear outfit Project summary and project review		Clothing Days: completed project book and outfit
418 <i>Loungewear</i>	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A loungewear outfit to wear over garments you make or buy Project record, summary, and review		Clothing Days: completed project book and lounging outfit
424 <i>Clothing for Middle School</i>	I, ages 10-14	All 5 interest areas At least 1 garment with sleeves or a skirt or pants plus a top such as a vest, collarless jacket, sweater, blouse, or other top, with or without sleeves At least 1 additional organized activity, 1 leadership/citizenship activity and 1 career experience. Project evaluation and project summary		Clothing Days: completed project book and garment you constructed
430 <i>Shopping Savvy</i>	I	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities An outfit, including accessories Project review		Clothing Days: completed project book and outfit

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
406 <i>Clothes for High School and College</i>	A	All 5 major areas At least 2 additional organized activities At least 2 leadership/citizenship activities A wardrobe inventory At least 1 outfit with a minimum of 2 pieces or a 1-piece garment with sleeves, plus some other style detail not tried before Repair at least 3 items from your wardrobe Project summary	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and the outfit you created based on the project along with a completed Cost Calculation Worksheet and a 4-H Fashion Review Narration form. Be prepared to discuss activities in the project in a personal interview and participate in a skill-a-thon station. Attend Style Review at the County Fair.	Clothing Days: completed project book and outfit
408 <i>Creative Costumes</i>	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A costume from one of these categories: historical, ethnic/cultural, theatrical, or special interest Project record and evaluation summary		Clothing Days: completed project book and costume you made for yourself
417 <i>Dress-Up Outfit</i>	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity A dress-up garment with two or more new experiences (zipper, sleeves, new trim or fabric) and coordinate/incorporate/integrate into your total look Project evaluation and project review		Clothing Days: completed project book and outfit
420 <i>Outerwear for Anywhere</i>	A	All 4 projects areas and activities At least 2 learning experiences At least 2 leadership/citizenship activities An advanced-level outer garment, such as a coat, jacket, raincoat, cape, or other similar outer garment, and add other clothing accessories for a total look. Project summary and project review		Clothing Days: completed project book and outfit
425 <i>Look Great for Less</i>	A, ages 15-18	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity An inexpensive outfit Project record, summary, and evaluation		Clothing Days: completed project book and outfit

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
426 <i>Clothing for Your Career</i>	A	All 5 interest areas At least 1 learning experience At least 1 leadership/citizenship activity An outfit with at least 2 pieces appropriate for a job, volunteer, work, or an interview (suit, uniform, or work outfit) At least 2 alterations A brief description of an interesting job. Job site visit or interview a professional, or both Project record and evaluation	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and the outfit you created based on the project along with a completed Cost Calculation Worksheet and a 4-H Fashion Review Narration form. Be prepared to discuss activities in the project in a personal interview and participate in a skill-a-thon station. Attend Style Review at the County Fair.	Clothing Days: completed project book and outfit.
432M <i>Sewing and Textiles (non-Clothing) Master</i>	A	At least one non-clothing fabric item At least 2 learning experiences At least 2 leadership/citizenship activities Project records including interview, budget, and photos Judging activity	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	No state fair event

Communication

377 <i>Finding Your Voice: Public Speaking Made Easy</i>	B	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Leadership Day: completed project book, display, and interview
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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Creative and Leisure Arts

Cake Decorating

492 <i>Cake Decorating Project and Record book</i>	X	At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities Record of decorating skills and techniques Project and cake records Project summary and review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book, one decorated cake/cupcake (Styrofoam base), and a project display, such as a poster. Be prepared to discuss activities in the project in a personal interview. No fondant cakes for 1 st year participants!	Creative Arts Day II: completed project book, display (decorated cake and poster), written and hands-on skills evaluation, and interview
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Collecting

496 <i>My Favorite Things</i>	B	All 8 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book, one “project” that you made, and a project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Creative Arts Day I: completed project book, display (representing their learning experience), and interview
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Fine Arts				
498 <i>Quilting the Best Better</i>	I	All 8 activities and all Quilting Quotes questions At least 2 learning experiences At least 2 leadership/citizenship activities Quilt blocks, a pillow to be donated, and a lap quilt (minimum 30" x 30" and maximum 54" x 72") Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and quilt to judging. Be prepared to discuss activities in the project in a personal interview and participate in a skill-a-thon station. Attend Style Review at county fair.	Quilt Day: completed project book, quilt and interview
499 <i>You Can Quilt!</i>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Construct two mini quilts (Rail Fence, Four Patch, or both) Project summary and project review		Quilt Day: completed project book, mini quilt, and interview
592 <i>Get Started in Art</i>	X	All 11 activities At least 2 learning experiences At least 2 leadership/citizenship activities A final project Project summary and project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book, one piece of art you made, and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Creative Arts Day I: completed project book, display (piece of art/poster), written skills evaluation, and interview
593 <i>Seeing Through Graphic Design</i>	I	All 9 activities, including a portfolio, and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Creative Arts Day I: completed project book, display (portfolio), and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Genealogy				
442 Family History Treasure Hunt	X	All 4 steps in What to Do, depending on number of years project is taken At least 1 other learning experience At least 1 leadership/citizenship activity Project review and records <i>(Use the same book 1-6 years.)</i>	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Family Life Day: pencil, correspondence log, research journal, pedigree charts, and family group sheets with documentation
Photography				
584 Photography Basics, Book 1	B	At least 2 activities in each of the 4 project areas and the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook <i>(Use the same book 1-3 years.)</i>	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book, photo journal, camera, and photo story of 3-5 photographs neatly mounted on foam core board to judging. Be prepared for a personal interview to explain the parts of your camera and what they do.	Photography Day: completed project book, display (single mounted print, prints that tell a “photo story,” or prints that illustrate an activity), and interview
585 Next Level Photography, Book 2	I	At least 2 activities in each of the 4 project areas and the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook <i>(Use the same book 1-3 years.)</i>		Photography Day: completed project book, display (single mounted print, prints that tell a “photo story,” prints that illustrate an activity, or single print with the news story it illustrates)
586 Mastering Photography, Book 3	A	At least 2 activities in each of the 4 project areas and the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review Photo journal or scrapbook <i>(Use the same book 1-3 years.)</i>		Photography Day: completed project book, display (single mounted print, prints that tell a “photo story,” prints that illustrate an activity, or single print with the news story it illustrates)

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
589M <i>Photography Master</i>	A	One major photography project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and portfolio Judging activity	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book, photo journal, camera, and photo story of 3-5 photographs neatly mounted on foam core board to judging. Be prepared for a personal interview to explain the parts of your camera and what they do.	Photography Day: completed project book, bring at least (1) one print for display, mounted at participant's discretion, illustrating "the best" of the photographs and demonstrating the area of interest chosen to "master" in this year's project.
Scrapbooking				
497 <i>Scrapbooking: A 4-H Guide to Preserving Memories</i>	B	All 3 project areas (the last activity is optional) At least 2 learning experiences At least 2 leadership/citizenship activities A scrapbook Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display (scrapbook) to judging. Be prepared to discuss activities in the project in a personal interview.	Creative Arts Day I: completed project book, display, written and hands-on skills evaluation, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Writing				
588 <i>The Writer in You</i>	I	<p>All 11 activities (including a writing portfolio) and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review</p> <p>For COUNTY:</p> <ol style="list-style-type: none"> 1. Complete the Planning Your Project section of this project book. 2. Explore each Interest Area listed. 3. For each Interest Area, complete the required Things To Do plus 1 additional activity. 4. Take part in at least 2 learning experiences. Take part in at least 2 citizenship/leadership activities. 5. Write a 1-page summary of your experience with this project. 	<p>Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Submit your paper to the OSU Extension Office by June 15. Each entry is to be typed or printed neatly on 8.5" x 11" paper, double spaced, with entrant's name on the paper. Submit entry printed or via email to Extension Office with your name and club. Bring your book and a copy of your essay to judging. Be prepared to discuss activities in the project in a personal interview.</p> <p>Select from no more than two of the following categories to write in: Three journal entries One character sketch Three poems written in free verse, Haiku or rhyme or two short stories (may include a song or play as one story) or one fiction</p>	No state fair event

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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Food and Nutrition

459 <i>Let's Start Cooking</i>	B	All 8 activities, including 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring the following to judging: prepared food item (1 serving size), complete day's menu with the food item, place setting and table cover suitable for menu with printed copy of the recipe, calculation of the cost of food sheet, and portfolio (3 ring binder with 1 page per activity area). Be prepared to discuss activities in the project in a personal interview and a skill-a-thon station.	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
463 <i>Sports Nutrition: Ready, Set, Go</i>	I	All 5 activities, including 5 recipes and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
481 <i>Everyday Food and Fitness</i>	B	All 7 activities, including 5 recipes and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
484 <i>Snack Attack!</i>	B	All 7 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
486 <i>Dashboard Dining: A 4-H Guide to Healthful Fast Food Choices</i>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
487 <i>Take a Break for Breakfast</i>	B	All 5 activities, including at least 5 recipes At least 2 learning experiences and 2 leadership/citizenship/career activities Project review		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
461 <i>Let's Bake Quick Breads</i>	I	All 8 activities, including 7 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring the following to judging: prepared food item (1 serving size), complete day's menu with the food item, place setting and table cover suitable for menu with printed copy of the recipe, calculation of the cost of food sheet, and portfolio (3 ring binder with 1 page per activity area). Be prepared to discuss activities in the project in a personal interview and a skill-a-thon station.	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
472 <i>Grill Master</i>	I	All 6 activities, including at least 5 recipes and the Notes for Next Time At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
474 <i>Beyond the Grill</i>	A	All 6 activities, including 9 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
475 <i>Star Spangled Foods</i>	I	All 7 recipe sections, including 11 recipes At least 3 learning experiences At least 3 leadership/citizenship activities		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
477 <i>Party Planner: A 4-H Guide to Quantity Cooking</i>	I	All 8 activities, including 8 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
485 <i>Racing the Clock to Awesome Meals</i>	I	All 7 activities, including 1 recipe and the Notes for Next Time for each activity At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
462 <i>Yeast Breads on the Rise</i>	A	All 5 interest areas, including at least 6 recipes At least 2 learning experiences At least 2 leadership/citizenship activities Project record and summary <i>(Use the same book 1-2 years.)</i>		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
467 <i>You're the Chef</i>	A	All 8 interest areas, including 7 meals At least 2 learning experiences At least 2 leadership/citizenship activities Project record, evaluation at the end of each interest area, and review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring the following to judging prepared food item (1 serving size), complete day's menu with the food item, place setting and table cover suitable for menu with printed copy of the recipe, calculation of the cost of food sheet, and portfolio (3 ring binder with 1 page per activity area). Be prepared to discuss activities in the project in a personal interview and a skill-a-thon station.	Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
469 <i>Global Gourmet</i>	A	All 7 activities, including preparation of meals and Notes for Next Time At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)
476 <i>Pathways to Culinary Success</i>	A	All 6 chapters, including at least 3 recipes or additional ideas for each chapter At least 3 learning experiences At least 1 leadership/citizenship/career activity Project record and project journal		Food and Nutrition Days: pencil, three pronged folder with completed "Portfolio" and a blank clipboard (optional)

Healthy Living

300 <i>You're the Athlete</i>	I	At least 1 (of 7) section (Play Book, Practice Field, and Big Event) Either 2 other Play Book and at least 2 Practice Field activities OR 1 other section ((Play Book, Practice Field, and Big Event) At least 2 special learning experiences At least 2 leadership/citizenship/career applications "My Season highlights" (project summary)	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Health Day: completed project book, display, and interview
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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
351 <i>Staying Healthy</i>	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Health Day: completed project book, display, and interview
352 <i>Keeping Fit</i>	I	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Health Day: completed project book, display, and interview
353 <i>First Aid in Action</i>	B	All 12 interest areas 3 of the More Challenges activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Health Day: completed project book, display, and interview
354 <i>Medicine Science and Safety</i>	B	All 5 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Health Day: completed project book, display, and interview
355 <i>Tracking Your Health and Fitness</i>	I	All 10 activities, all Talking It Over questions, and a health and fitness log At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review (A fitness tracking device is recommended but not required.)		Health Day: completed project book, display, and interview
357 <i>Alcohol and Drug Abuse</i>	A	All 12 activities At least 2 learning experiences All least 2 leadership/citizenship activities Project review		Health Day: completed project book, display, and interview
358 <i>The Truth About Tobacco</i>	A	All 12 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Health Day: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
359 <i>Your Thoughts Matter</i>	A	All 10 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Health Day: completed project book, display, and interview

Home Living

405 <i>The Laundry Project</i>	B	All 11 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Home Decorating and Design Day: completed project book, display (visuals and records), and interview
491 <i>It's My Home</i>	B	All 9 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Home Decorating and Design Day: completed project book, display (an item constructed in the project, visuals to show how it helps make more pleasing and practical living spaces), and interview
494 <i>Makeover My Space</i>	I	All 10 activities and 4 Talking It Over pages At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Home Decorating and Design Day: completed project book, display (visuals and records), and interview
495 <i>Your First Home Away From Home</i>	A	All 4 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities A notebook for planning and a project record		Home Decorating and Design Day: completed project book, display (visuals and records), and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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Leadership and Citizenship

370 <i>One on One</i>	A	At least 2 activities of first 3 interest areas At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Leadership Day: completed project book, display, and interview
371 <i>Club Leadership 1</i>	I	All 10 activities 3 individualized goals At least 2 learning experiences At least 2 citizenship activities Project review		Leadership Day: completed project book, display, and interview
372 <i>Diversity: The Source of Our Strength</i>	A	All 8 activities At least 2 learning experiences At least 2 citizenship activities Project review		Leadership Day: completed project book, display, and interview
373 <i>My Hands to Larger Service: Teen Leaders Building Our Communities</i>	A	All 9 activities At least 2 learning experiences At least two leadership/citizenship activities Project review		Leadership Day: completed project book, display, and interview
374 <i>Teens on Board</i>	I	All 9 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Leadership Day: completed project book, display, and interview
375 <i>Leadership Road Trip: Where Are You Going?</i>	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review		Leadership Day: completed project book, display, and interview
375i <i>Leadership Road Trip iBook</i>	I	All 13 activities and Rest Stop questions At least 2 learning experiences At least 2 citizenship activities Project summary and project review		*Leadership Road Trip iBook: bring iPad or tablet with completed project book Leadership Day: iPad with completed project book, display, and interview
376 <i>Pantry Panic!</i>	A	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		*Pantry Panic: Members will be asked to demonstrate their completion of Activity 7 in the project book Leadership Day: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
378M <i>Leadership Master</i>	A	One major leadership experience At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Leadership Day: completed project record, display, and interview
383 <i>Club Leadership 2</i>	A	All 11 activities and Talking It Over questions At least 3 individual goals or additional activities At least 2 learning experiences At least 2 citizenship activities Project summary and project review		Leadership Day: completed project record, display, and interview

Money Management

445 <i>Becoming Money Wise</i>	B	Level I All 11 Making \$ense and all 5 Money Talk activities As many additional More Making \$ense activities as you wish 2 organized activities At least 2 leadership/citizenship activities Level II All 12 Resource \$ense and 3 Resource Talk activities As many additional More Resource \$ense activities as you wish 2 organized activities At least 2 leadership/citizenship activities A money journal <i>(Use the same book 1-2 years.)</i>	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	No state fair event
448 <i>Teens . . . On the Road to Financial Success</i>	A	All 11 activities for Year 1 and for Year 2 At least 2 organized activities At least 2 leadership/citizenship activities <i>(Use the same book 1-2 years.)</i>		No state fair event

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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Natural Resources

Gardening and Plant Science

670 <i>Canning and Freezing</i>	I	All 7 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Natural Resources Day: completed project book, display, and interview
671 <i>How Does Your Garden Grow?</i>	B	4 activities, plus activity 4a, 4b, or both At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day: completed project book, display, and interview
673 <i>Edible Landscapes</i>	I	All 9 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Natural Resources Day: completed project book, display, and interview
691 <i>Grow Your Own Vegetables</i>	B	All 11 activities (including growing vegetables) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day: completed project book, display, and interview
692 <i>Growing with the Seasons</i>	I	All 9 activities (including growing vegetables) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		*671: Bring a sample of what you have grown to put on display *691 & 692: display 4 different kinds of vegetables that you have grown on a plate with a clear cover.

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
The Natural World				
611 <i>Explore the Outdoors</i>	B	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview. *Ohio Birds: Prepare a scrapbook showing the birds you identified	Natural Resources Day: completed project book, display, and interview
612 <i>Geology: Can You Dig It?</i>	B	All 8 activities (including a collection display) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review		Natural Resources Day: completed project book, display, and interview
613 <i>Exploring Polar Science</i>	I	All 8 activities & all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review		Natural Resources Day: completed project book, display, and interview
617 <i>Exploring Ponds</i>	A	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day: completed project book, display, and interview
620 <i>Why Trees Matter</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day: completed project book, display, and interview
621 <i>Ohio Birds</i>	X	All 5 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Observe and record at least 20 different bird species One-page summary <i>(Use the same book 1-2 years.)</i>		Natural Resources Day: completed project book, display, and interview
622 <i>Trapping Muskrats in Ohio</i>	I	All 7 activities At least 3 learning experiences At least 3 leadership/citizenship activities 2 of 3 projects for first year; 2 of 3 projects for second year A poster board <i>(Use the same book 1-2 years.)</i>	Natural Resources Day: completed project book, display, and interview	

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
623 <i>Outdoor Adventurer: Beginning Fishing</i>	B	All 8 activities, including Talking It Over questions and the Fishing Log At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview. *Beekeeping: 1 st years are not required to have their own hive, but should have a project helper who is a beekeeper *Insect Adventures: create and bring a insect collection of at least 25 different adult insects representing as many orders as possible to judging	Natural Resources Day: completed project book, display, and interview
624 <i>Outdoor Adventurer: Intermediate Fishing</i>	I	All 11 activities, including Talking It Over questions and the Fishing Log At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day: completed project book, display, and interview
641 <i>Beekeeping Project and Record Book</i>	X	Set at least 3 project goals and objectives At least 5 learning activities At least 2 learning experiences At least 2 leadership/citizenship activities Colony Care and Management section Beekeeping Record		Natural Resources Day: completed project book, display, and interview
644 <i>Insect Adventures 1</i>	B	All 7 activities, including an insect collection (30 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day: completed project book, display, and interview
645 <i>Insect Adventures 2</i>	I	All 8 activities, including an insect collection (40 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day: completed project book, display, and interview
646 <i>Insect Adventures 3</i>	A	All 7 activities, including an insect collection (50 specimens) and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		Natural Resources Day: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Shooting Sports				
630 <i>Safe Use of Guns</i>	B	All 11 activities, including Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview. Do NOT bring guns or bows, parts of a gun, ammo or arrows, or part of ammo to judging or for fair display *750-758 must be completed with assistance from a certified 4-H shooting sports instructor	Natural Resources Day —Shooting Sports: completed project book, display, and interview
631 <i>Basic Archery</i>	B	All 6 interest areas At least 2 organized activities At least 2 leadership/citizenship activities Project review		Natural Resources Day —Shooting Sports: completed project book, display, and interview
750 <i>Rifle Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified rifle instructor		Natural Resources Day —Shooting Sports: completed project book, display, and interview
751 <i>Archery Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified archery instructor		Natural Resources Day —Shooting Sports: completed project book, display, and interview
752 <i>Shotgun Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified shotgun instructor		Natural Resources Day —Shooting Sports: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
753 <i>Pistol Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified pistol instructor	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview. Do NOT bring guns, parts of a gun, ammo, or part of ammo to judging or for fair display	Natural Resources Day —Shooting Sports: completed project book, display, and interview
754 <i>Hunting and Wildlife Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified hunting/wildlife instructor		Natural Resources Day —Shooting Sports: completed project book, display, and interview
755 <i>Muzzleloader Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified muzzleloader instructor; a previously completed rifle, pistol, or shotgun project is strongly recommended		Natural Resources Day —Shooting Sports: completed project book, display, and interview
756 <i>Living History Member Record Book</i>	X	All project book activities, including planning, setting goals, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified shooting sports living history instructor		Natural Resources Day —Shooting Sports: completed project book, display, and interview
757 <i>Crossbow Member Record Book</i>	X	All project book activities, including planning, setting goals, identifying parts, practicing safety, record keeping, evaluation, and more Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified crossbow instructor		Natural Resources Day —Shooting Sports: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
758 <i>Western Heritage Project: Youth Activity Guide 1-3</i>	I, A	Progress through levels 1-3 by creating a project notebook; setting and working to accomplish three goals per level; completing at least one required and three elective activities for each sub-level (Historical Inquiry, Firearms and Shooting, and Clothing and Accoutrements); and completing a shooting requirement. See project book for details. Must be 4-H age 9 and enrolled in a Shooting Sports program under the direction of a certified Western heritage instructor	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Natural Resources Day —Shooting Sports: completed project book, display, and interview

Science, Technology, Engineering, and Math (STEM)

Aerospace Science				
501 <i>Rockets Away</i> (2-Liter Bottle Rockets)	B	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a 2-liter bottle rocket Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	STEM Day: completed project book, display, and interview
502 <i>Science Fun with Flight</i>	B, ages 9-14	All 7 interest areas At least 2 learning experiences At least 2 leadership/citizenship activities Build a glider or flyer, or a plastic model airplane or jet Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	STEM Day: completed project book, display, and interview
503 <i>Rockets Away</i> (Solid-Fuel Model Rockets)	B	All 3 interest areas At least 2 organized project activities At least 2 leadership/citizenship activities Build and launch a solid-fuel model rocket from a kit Project review	*2 Liter Bottle Rocket: Bring your 2 Liter bottle rocket for display *Science Fun with Flight: Bring your glider, flyer, etc. for display	STEM Day: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
503M <i>Solid-Fuel Rocketry Master</i>	A	One major solid-fuel rocketry project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	STEM Day: completed project book, display, and interview
All-Terrain Vehicles (ATV)				
555 <i>ATV Safety</i>	X	Safety pledge All 9 activities Practice pages Practice and riding record At least 2 learning experiences At least 2 leadership/citizenship activities	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	No state fair event

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Bicycle				
517 <i>Bicycling for Fun, Level 1</i>	B	At least 7 activities per year Complete the Bicycling For Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections <i>(Use the same book 1-2 years.)</i>	Bring your completed project book, bicycle, protective gear, and an educational display of what you have learned. The display can be at least one of the following: poster, kit, model, exhibit board, collage, mobile, story board, scrapbook, notebook, journal, diorama, etc. Be prepared to discuss your project and exhibit with the judge.	No state fair event
518 <i>Wheels in Motion, Level 2</i>	I	At least 7 activities per year Complete the Bicycling for Fun Achievement Program on second year Complete Project Goals, Before and After, and Project Highlights sections <i>(Use the same book 1-2 years.)</i>		No state fair event
Chemistry				
493 <i>Science Fun with Kitchen Chemistry</i>	B	All 11 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	STEM Day: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Electricity				
527 <i>Magic of Electricity, Level 1</i>	B	At least 7 activities per year (3 main activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging.	Engineering Excitement Day: completed project book, display, and interview
528 <i>Investigating Electricity, Level 2</i>	I	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Engineering Excitement Day: completed project book, display, and interview
529 <i>Wired for Power, Level 3</i>	I	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	*Level 1: Bring one completed experience or plans from your book	Engineering Excitement Day: completed project book, display, and interview
530 <i>Entering Electronics, Level 4</i>	A	At least 7 activities per year (3 Required Activities and 4 Brain Boosters) At least 2 leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	*Level 2: Bring a display of a circuit or switch from your book *Level 3: Bring a poster/scrapbook on what you learned	Engineering Excitement Day: completed project book, display, and interview
531 <i>Science Fun with Electricity</i>	B	All interest areas Experiments & journals for each interest area At least 2 project activities At least 2 leadership/citizenship activities Project summary	*Level 4: Bring an example of at least one electronic project derived from the activities, experiments or plans in the project book *Science Fun: Bring a display such as a scrapbook/poster, something you created, etc.	Engineering Excitement Day: completed project book, display, and interview

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Energy				
550 <i>Young Engineers in Solar Energy</i>	I	All 9 activities and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	STEM Day: completed project book, display, and interview
Food Science				
490 <i>Science Fun with Dairy Foods: The Case of the Missing Milk</i>	B	All 6 activities At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	STEM Day: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Knots				
540 <i>Not Just Knots</i>	X	All 17 activities (including a capstone project) and all of the Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review One Page Report telling what you learned in the project	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and one page report. Prepare a display of 10 knots as show in pages 11-19 of book. Bring a 3' piece of 1/4" or 1/3" sash cord to demonstrate knowledge of tying knots. Be prepared to discuss activities in the project in a personal interview.	Engineering Excitement Day: completed project book, display, and interview
Physics				
500 <i>Science Fun with Physics</i>	B	All 12 experiments At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	STEM Day: completed project book, display, and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Robotics				
507 Robotics 1 with EV3	I	All 12 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and robot and display of what you have learned. Be prepared to discuss activities in the project in a personal interview.	STEM Day – completed project book, display and interview. In addition to the interview, contestants will demonstrate their LEGO EV3 robot's ability to complete three or more of the tasks identified in Activity 12 of the 4-H 507 project book in less than 10 minutes. Contestants are required to bring their own test surface on which to demonstrate their robot's completion of these tasks along with a printout of the program.
508 Robotics 2: EV3N More	A	All 7 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project review		STEM Day – completed project book, display and interview. Contestants are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing (in less than 10 minutes) along with a printout of the program.
512M Robotics Master	A	One major robotics project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	*Robotics Master: Bring your own test surface to demonstrate their robot completion of tasks of their choosing, along with printout of the program	STEM Day: completed project book, display, interview, and tasks. Contestants are required to bring their own test surface to demonstrate their robot's completion of a task of their choosing along with a printout of the program.

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Small Engines and Lawn Care				
541 <i>Crank It Up, Level 1</i>	B	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide <i>(Use the same book 1-3 years.)</i>	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Engineering Excitement Day: completed project book, display, and interview
542 <i>Warm It Up, Level 2</i>	I	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide <i>(Use the same book 1-3 years.)</i>		Engineering Excitement Day: completed project book, display, and interview
543 <i>Tune It Up, Level 3</i>	A	At least 7 activities each year in either main activities sections or Race Ahead sections Planning Guide <i>(Use the same book 1-3 years.)</i>		Engineering Excitement Day: completed project book, display, and interview
Tractor and Machinery Operation				
551 <i>Starting Up: Getting to Know Your Tractor, Level A</i>	B	Complete all activities Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview. No driving or course test	Mechanical Principles - Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
552 <i>Tractor Operations: Gearing Up for Safety, Level B</i>	I	Complete all activities Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)		Mechanical Principles - Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
553 <i>Moving Out: Learning About Your Tractor and Farm Machinery, Level C</i>	I	Complete all activities Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)		Mechanical Principles - Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events
554 <i>Learning More: Learning About Agricultural Tractors and Equipment, Level D</i>	A	Complete all activities Participate in Tractor Certification Program (optional) Participate in Tractor Rodeo (optional)		Mechanical Principles - Tractor Day: written exam, parts identification, interview, obstacle course, two- and four-wheel driving events

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
Welding				
573 <i>Arcs and Sparks</i>	I	<p>Recommended number of areas, building skills, and developing knowledge questions for your year</p> <p>At least 2 organized project activities</p> <p>At least 2 leadership/citizenship activities</p> <p>Build at least 2 weldments/or other items in book</p> <p>One-page report</p>	<p>Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your completed project book. Prepare a display for two welds on page 38, plus any other welding project from the book. The other will be an optional design no larger than can be put on display in a reasonable manner by the exhibitor. Be prepared for a personal interview.</p>	<p>Engineering—Welding Day: completed project book, appropriate gear, other equipment and/or supplies, and welding project</p> <p>NOTE: All projects must be done using Shielded Metal Arc Welding (SMAW).</p>
Woodworking				
556 <i>Measuring Up, Level 1</i>	B	<p>At least 7 activities per year for up to three years</p> <p>At least 2 leadership experiences</p> <p>Planning Guide</p> <p><i>(Use the same book 1-3 years.)</i></p>	<p>Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to</p>	<p>Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview</p> <p>NOTE: See the State Fair Guide Book for list of allowable tools.</p>
557 <i>Making the Cut, Level 2</i>	I	<p>At least 7 activities per year for up to three years</p> <p>At least 4 woodworking leadership experiences</p> <p>Planning Guide</p> <p><i>(Use the same book 1-3 years.)</i></p>	<p>judging. Be prepared to discuss activities in the project in a personal interview. No project will be made at the fair. Bring the following and 1 other project from book:</p>	<p>Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview</p> <p>NOTE: See the State Fair Guide Book for list of allowable tools.</p>
558 <i>Nailing It Together, Level 3</i>	A	<p>At least 7 activities per year for up to three years</p> <p>At least 4 woodworking leadership experiences</p> <p>Planning Guide</p> <p><i>(Use the same book 1-3 years.)</i></p>	<p>*Level 1: Flower Box (p.33) *Level 2: Bird House or Foot Stool (p.33-34) *Level 3: Book shelf (p.31)</p>	<p>Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview</p> <p>NOTE: See the State Fair Guide Book for list of allowable tools.</p>

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
559 <i>Finishing Up, Level 4</i>	A	At least 7 activities per year for up to three years At least 4 woodworking leadership experiences Planning Guide <i>(Use the same book 1-3 years.)</i>	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. Be prepared to discuss activities in the project in a personal interview. No project will be made at the fair.	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.
560M <i>Woodworking Master</i>	A	One major woodworking project At least 2 learning experiences At least 2 citizenship activities Project records including interview, budget, and photos Judging activity	Bring the following and 1 other project from book: *Level 4+: Any project from book	Woodworking Day: completed project book, eye protection, appropriate attire, project made at fair, project made at home, and interview NOTE: See the State Fair Guide Book for list of allowable tools.

Self-Determined

365 <i>Self-Determined</i>	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary <i>This project is designed for 4-H members to create their own project. If you have taken all of the projects in a subject area, you may design one that is the next step. If there is no project in an area you are interested in, you may design a project. You may not duplicate a current 4-H project.</i>	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview. If you do an animal related project, you may have the opportunity to exhibit your animal at the small animal show at the county fair.	Self-Determined Day: completed 365 project record, tri-fold display, sample of project work, and interview NOTE: Requirements are different for self-determined projects that go to other days.
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365.01 Self-Determined, Companion Animal	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview. Animal related project: you may have the opportunity to exhibit your animal at the small animal show at the county fair. Notify the extension office of decision by June 1	Companion Animal Day
365.02 Self-Determined, Creative Arts	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Creative Arts Day I: completed project book, display (representing their learning experience), and interview

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365.03 <i>Self-Determined, Family Life</i>	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary		Family Life Day: completed project book, display, and interview
365.04 <i>Self-Determined, Natural Resources</i>	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display can be a scrapbook, poster, 3-D display, or other creative display. Be prepared to discuss activities in the project in a personal interview.	Natural Resources Day: completed project book, display, and interview
365.05 <i>Self-Determined, Quilt</i>	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary	See state fair requirements for what items are required to be brought to county fair judging.	Quilt Day: completed project book, quilt and interview
365.06 <i>Self-Determined, Workforce Prep</i>	X	Using the online Self-Determined Project Guide: Topic identification At least 3 areas of interest, each with at least 3 activities At least two learning experiences At least two leadership/citizenship experiences Project summary		Workforce Preparation Day: registration form (mailed ahead of time); display; mock interview, including resume and appropriate attire; and interview

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Project Number and Name	Skill Level*	Project Completion Requirements See each project book for complete details.	Madison County Requirements	State Fair Requirements See the 4-H State Fair Guidebook for complete details for non-livestock projects.
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Workforce Preparation

382 <i>Am I Ready for Work?</i>	I	All 9 activities and Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project Review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display should include your workforce preparation experiences of accomplishments (camp counselor, Jr. Fair Board member, other workplace opportunity, etc.) with what skills you gained and how you will use them. Be prepared to discuss activities in the project in a personal interview.	Workforce Preparation Day: registration form (mailed ahead of time); display; mock interview, including resume and appropriate attire; and interview
387 <i>Here, There, Ag Careers Are Everywhere!</i>	A	All 8 activities and all Talking It Over questions At least 2 learning experiences At least 2 leadership/citizenship activities Project summary and project review	Complete the project book and participate in a project review (at the fair or an alternate judging opportunity). Bring your book and project display to judging. The display should include your workforce preparation experiences of accomplishments (camp counselor, Jr. Fair Board member, other workplace opportunity, etc.) with what skills you gained and how you will use them. Be prepared to discuss activities in the project in a personal interview.	Workforce Preparation Day: registration form (mailed ahead of time); display; mock interview, including resume and appropriate attire; and interview

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